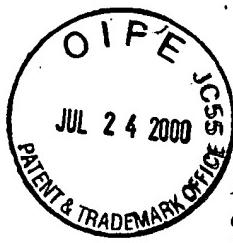


GP12816

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on July 18, 2000.

*Marti Carrillo*  
Marti Carrillo

RECEIVED

JUL 25 2000

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Applicant : Steven T. Jaffe, et al.  
 Application No. : 09/550,757  
 Filed : April 17, 2000  
 Title : DECISION FEEDBACK EQUALIZER AND PRECODER RAMPING CIRCUIT  
 Grp./Div. : 2816  
 Examiner : To be assigned  
 Docket No. : 34040/LTR/B600

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Post Office Box 7068  
 Pasadena, CA 91109-7068  
 July 18, 2000

Enclosed is an amendment to the above-identified application.

CALCULATION OF FEE										
ITEM		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PAID FOR	EXCESS CLAIMS X RATE	SUBTOTAL	FEE				
A	TOTAL CLAIMS FEE	68	97 *	0 X \$9.00						
B	INDEPENDENT CLAIMS	9	14 **	0 X \$39.00						
C	SMALL ENTITY FEE = A + B LARGE ENTITY FEE = 2 x (A + B)									
D	MULTIPLE-DEPENDENT CLAIMS FEE***			SMALL ENTITY FEE = \$130.00 LARGE ENTITY FEE = \$260.00						
E	TOTAL FILING FEE									
F	NO ADDITIONAL FEE REQUIRED****	IF NO FEE REQUIRED, INSERT "0"				0				
LIST INDEPENDENT CLAIMS: 30, 40, 50, 60, 68, 78, 86, 96, 97										
<small>* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3  <small>** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3</small>  <small>*** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME</small>  <small>**** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"</small> </small>										

Attached is our check for \$ to pay the fees calculated above.

**Amendment Transmittal Letter  
Application No. 09/550,757**

       A Petition for Extension of Time and the required fee are enclosed.

       Other enclosures:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Please address all correspondence to **CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



LeRoy T. Rahn  
Reg. No. 20,356  
626/795-9900

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PATENT

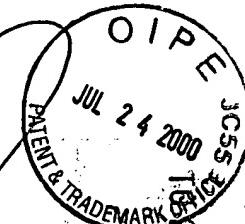
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Marti Carrillo

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~~PRELIMINARY AMENDMENT~~

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
July 18, 2000

Commissioner:

Before examination of the above-identified patent application,  
please amend the application as follows:

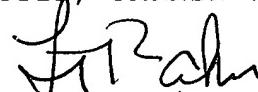
In the claims:

Please cancel claims 1-29.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



LeRoy T. Rahn  
Reg. No. 20,356  
626/795-9900